A safe, durable, autologous-like biological patching solution for pericardial and soft tissue repairs.
Peri-Guard® and Supple Peri-Guard® have been successfully implanted as repair patch materials for more than two decades during which Synovis Surgical Innovations has shipped more than a half million bovine pericardial patches.

Peri-Guard and Supple Peri-Guard are derived from bovine pericardium, a material known for excellent suppleness and strength. Synovis Surgical Innovations’ exclusive Apex Processing™ maintains these characteristics while enhancing the biocompatibility, performance and safety of the product.

Proven Performance

- Nearly 100,000 implants for cardiac and thoracic repair and reconstruction
- Exceptionally low reported adverse event rate of less than 0.07%
- Stringent sourcing and manufacturing procedures ensure high levels of quality and safety

Comparative Residual Glutaraldehyde Levels

Exemplary Handling

The autologous feel and natural characteristics of Peri-Guard and Supple Peri-Guard make them easy to manipulate and implant

- Easy to cut to desired shape
- Easy to suture
- Flexible and compliant
Clinical Benefits

- Resists suture line leakage
- Does not promote calcification\(^1\)
- Strong and durable
- Provides a non-thrombogenic blood flow surface similar to autologous tissue
- Enables excellent host tissue incorporation
- Exceptionally low residual glutaraldehyde (see chart)
- Excellent reapproximation around suture (see figures A and B), resulting in a watertight seal\(^{19}\)

A Convenient Choice

- Readily available off-the-shelf
- Broad range of sizes

“Calcification has not been observed in our patients who have been followed for ten years”\(^{1}\)

“Bovine pericardium is currently our material of choice for VSD closure”\(^{19}\)
Peri-Guard and Supple Peri-Guard are for single use only and cannot be resterilized.

Peri-Guard and Supple Peri-Guard are part of the Tissue-Guard® Product Family of pericardial products from Synovis Surgical Innovations. Tissue-Guard products are designed for a wide array of surgical procedures including bariatric, cardiac, neurosurgical, ophthalmic, thoracic, vascular, general and other surgical applications.

Contact your sales representative or Synovis Surgical Innovations for ordering information, in-service support materials, and technical specifications.

References